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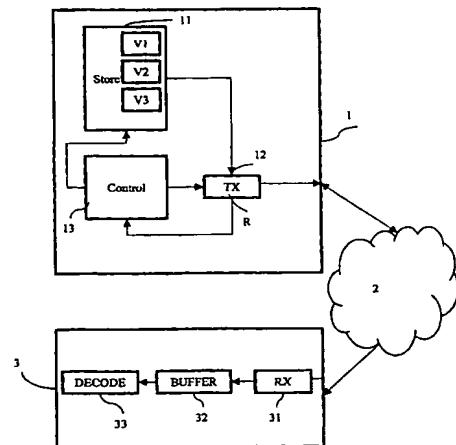
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[Continued on next page]

(54) Title: TRANSMITTING OVER A NETWORK



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(57) Abstract: Data for presentation in real time, such as a video or audio sequence, is available on different encoded versions having different degrees of compression. In order to assess, during transmission of one version, the feasibility of switching to another version, given the data rate known to be available at the time, a server computes, for a candidate version, in respect of at least one portion thereof that has not yet been sent, the maximum value of a timing error that would occur if any number of portions starting with that portion to be sent at the available rate. The selection of the same or a different version for continuing transmission is taken in dependence on a comparison between the computed error and the current state of a receiving buffer. Error values may be computed in advance for a range of transmitting rates, stored and later retrieved for use in estimating an error value corresponding to the actual transmitting rate.



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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 868 084 A (NDS LTD) 30 September 1998 (1998-09-30) abstract figure 1 column 2, line 17 – column 3, line 13 claims 1,2	1-10
Y	EP 0 966 175 A (SIEMENS INF & COMM NETWORKS) 22 December 1999 (1999-12-22) abstract; figure 2 paragraphs '0009!, '0010!; claim 3	1-10
Y	US 6 366 614 B1 (LEE CHONG U ET AL) 2 April 2002 (2002-04-02) abstract column 6, line 30 – column 7, line 6 claim 1	1-10

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HWANG J J ET AL: "ITU-T RECOMMENDATION H.261 VIDEO CODER-DECODER" 1997, DIGITAL CONSUMER ELECTRONICS HANDBOOK, XX, XX, PAGE(S) 1001-1026, I , XP001059410 the whole document -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

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